

# EAST Search History / *Interference Search*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	218	(365/151).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/11 17:52
L2	968	(438/99).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/11 17:53
L3	38419	halogenate fluorinate chlorinate halogenation fluorination chlorination near surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/11 17:53
L4	18	L3 and l2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/11 17:54
S1	52	("20020179806" "3637581" "4618509" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" "5475075" "5547774" "5814420" "5844055" "6013170" "6031756" "6128214" "6136678" "6208553" "6212093" "6246505" "6272038" "6324091" "6381169" "6451942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:03
S2	1	(porphyrin or porphyrinic or ferrocene) and silicon and alcohol and coating and halogenating and ("hydrogen passivated" or passivation) and ("p-doped" or "p doped" or "n-doped" or "n doped") and base	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 15:36
S3	52	("20020179806" "3637581" "4618509" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" "5475075" "5547774" "5814420" "5844055" "6013170" "6031756" "6128214" "6136678" "6208553" "6212093" "6246505" "6272038" "6324091" "6381169" "6451942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/24 17:20

## EAST Search History

S4	16	S3 and (alcohol or oxygen or "primary alcohol")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/24 17:23
S5	14	S3 and (alcohol or oxygen or "primary alcohol") and silicon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/24 17:23
S6	29	(porphyrin or porphyrinic or ferrocene) and silicon and alcohol and ("hydrogen passivated" or passivation) and ("p-doped" or "p doped" or "n-doped" or "n doped")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/24 17:44
S7	4	S3 and (("hydrogen passivated" or passivation) or ("p-doped" or "p doped" or "n-doped" or "n doped"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/25 13:03
S8	3	("2002033045").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/25 13:03
S9	3	"2002033045"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:03
S10	1	("200233045").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/25 13:04
S11	1	"200233045"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:04
S12	2	("5834100").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 15:35

## EAST Search History

S13	470	(556/449).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 17:15
S14	176	(556/400).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 15:36
S15	2	(porphyrin or porphyrinic or ferrocene) and silicon and alcohol and (S13 or S14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 15:47
S16	0	semiconductor and (S13 or S14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 15:48
S17	14	((("200020197806") or ("6136678") or ("6246505") or ("5294285") or ("5281552") or ("5173443") or ("5089872")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 15:50
S18	52	("20020179806" "3637581" "4618509" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" "5475075" "5547774" "5814420" "5844055" "6013170" "6031756" "6128214" "6136678" "6208553" "6212093" "6246505" "6272038" "6324091" "6381169" "6451942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 15:54
S19	14	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:50
S20	34	S18 and (porphyrin or alcohol or silicon or halogenating or coupling or suface or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 15:55

## EAST Search History

S21	34	S18 and (porphyrin or porphyrinic or doped or passivation or passivated or alcohol or silicon or halogenating or coupling or suface or coating or base or halogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 16:03
S22	34	S18 and (porphyrin or porphyrinic or doped or passivation or passivated or alcohol or silicon or hydroxyl or halogenating or coupling or suface or coating or base or halogen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/01/26 16:04
S23	470	(556/449).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 17:16
S24	176	(556/400).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 17:16
S25	326	(S23 or S24) and silicon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 17:16
S26	1	S25 and (porphyrin or porphyrinic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 17:16
S27	281	S25 and (oxygen or hydroxyl or alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 17:17
S28	5	S27 and (halogenate or halogenation or halogenating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 17:19

## EAST Search History

S29	133	S27 and (halogenate or halogenation or halogenating or halogen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 17:20
S30	5	S27 and (halogenate or halogenation or halogenating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 17:20
S31	2	("5834100").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/30 12:35
S32	575	(438/96).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/30 12:36
S33	517	S32 and silicon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:36
S34	340	S33 and doped	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:37
S35	0	S34 and (porphyrin or porphyrinic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:37
S36	113	S34 and coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:38

## EAST Search History

S37	118	S34 and (coating or coat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:38
S38	41	S34 and ("hydrogen passivated" or passivation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:39
S39	22	S37 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:40
S40	213	S32 and (sulfur or oxygen or hydroxyl or alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:41
S41	22	S40 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:42
S42	13	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S43	2	("5834100").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 12:44
S44	0	Lindsey.au.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 12:45

## EAST Search History

S45	0	"lindsey-jonathan.ini"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 12:46
S46	7	lindsey-jonathan.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 14:52
S47	2	("6212093").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 16:06
S48	982541	(collidine or lutidine or butylpyridine or dimethylaminopyridine or trimethylamine or tea or triethylamine or tributylamine or diisopropylamine or "bis(dimethylamino)naphthalene" or diazabicyclo or "sodium carbonate" or "na3co3" or "nh3" or ammonia)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 13:59
S49	1	S47 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 14:04
S50	309078	(mesitylene or durene or dichlorobenzene or trichlorobenzene or chloronaphthalene or dimethylformamide or "dmf" or dimethylacetamide or "dma" or dimethylpropionamide or benzonitrile or anisole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 14:16
S51	1	S47 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 14:16
S52	2	"pct/us00/17847"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 14:53

## EAST Search History

S53	575	(438/96).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 15:43
S54	517	S53 and silicon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S55	340	S54 and doped	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S56	118	S55 and (coating or coat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S57	41	S55 and ("hydrogen passivated" or passivation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S58	22	S56 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S59	213	S53 and (sulfur or oxygen or hydroxyl or alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43
S60	13	S58 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 15:43



## EAST Search History

S61	1	S60 AND "n-doped silicon" and "p-doped silicon"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 16:05
S62	168457	bromosuccinimide or chlorosuccinimide or iodosuccinimide or icl or "so2cl2" or "brcl3" or "pcl5" or "cbr4" or ("br2" and "hgo") or "mocl5" or "cf3of" or "agsbf6" or "phse(o)cl" or "alcl3" or "albr3" or "cl2o"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 16:11
S63	0	S62 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 16:11
S64	3	S53 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:04
S65	2	("5280183").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 17:05
S66	1	S65 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:06
S67	1	S65 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:06
S68	1	S65 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:07

## EAST Search History

S69	0	S65 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:07
S70	1	S67 and S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:54
S71	1	S64 and (initiator or uv or "benzoyl peroxide" or aibn or azobisisobutyronitrile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:56
S72	0	S64 and (halogenate or halogenation or halogenating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/31 17:56
S73	361	surface adj (halogenation or fluorination or chlorination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:27
S74	247	(halogenation or fluorination or chlorination) adj surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:03
S75	555	S73 or S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:04
S76	3	S75 and (porphyrin or ferrocene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:03
S77	243	S75 and ("si" or "ge" or silicon or germanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:06

## EAST Search History

S78	58	("20020179806" "3637581" "4618509" "4702965" "4772486" "5089872" "5173443" "5280183" "5281552" "5294285" "5463014" "5475075" "5547774" "5814420" "5834100" "5844055" "6013170" "6031756" "6128214" "6136678" "6208553" "6212093" "6246505" "6272038" "6324091" "6381169" "6451942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:26
S79	7366	((438/96) or (438/166) or (438/182) or (438/422) or (438/592) or (438/624) or (438/640)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/11 16:25
S80	0	halogenate flurinate chlorinate halogenation fluorination chlorination and surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:28
S81	0	halogenate flurinate chlorinate halogenation fluorination chlorination near surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/10/11 14:28
S82	37590	halogenate flurinate chlorinate halogenation fluorination chlorination near surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/11 14:28
S83	38419	halogenate fluorinate chlorinate halogenation fluorination chlorination near surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/11 14:28
S84	19	S83 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/11 14:29

## Refine Search

### Search Results -

Terms	Documents
L5 and silicon	15

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L7





### Search History

DATE: Thursday, October 11, 2007

[Purge Queries](#)[Printable Copy](#)[Create Case](#)

Set Name  
side by side

QueryHit Count

Set Name  
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND

<u>L7</u>	L5 and silicon	15	<u>L7</u>
<u>L6</u>	L5 and l1	0	<u>L6</u>
<u>L5</u>	L4 and l3	19	<u>L5</u>
<u>L4</u>	alcohol adj terminated	317	<u>L4</u>
<u>L3</u>	porphyrin	18011	<u>L3</u>
<u>L2</u>	alcohol adj terminated adj porphyrins	0	<u>L2</u>
<u>L1</u>	halogenated adj silicon	551	<u>L1</u>

END OF SEARCH HISTORY